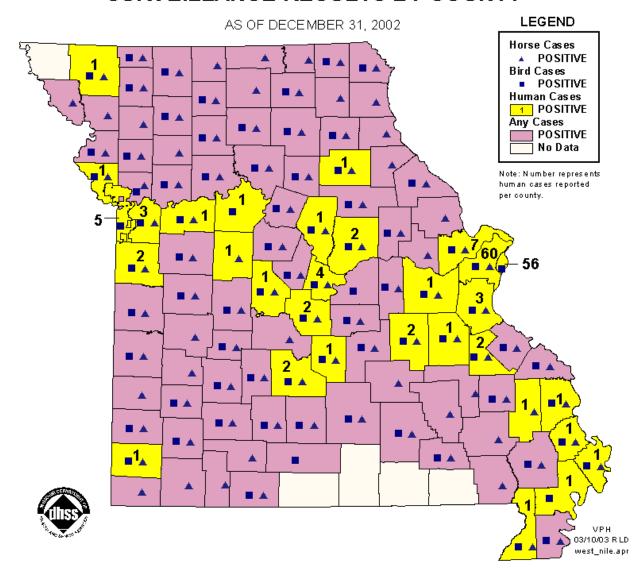
MISSOURI 2002 WEST NILE VIRUS SURVEILLANCE RESULTS BY COUNTY



Missouri's West Nile Virus Totals as of December 31, 2002

Humans with WNV Disease Horses with WNV Disease Dead Birds Mosquitoes 168 cases in 30 counties 662 positives in 105 counties 277 positives in 82 counties positive pools in 11 counties

See the next page for

Missouri's West Nile Virus Human Case Count by Location, as of December 31, 2002

Missouri's West Nile Virus Human Case Count by Location, as of December 31, 2002

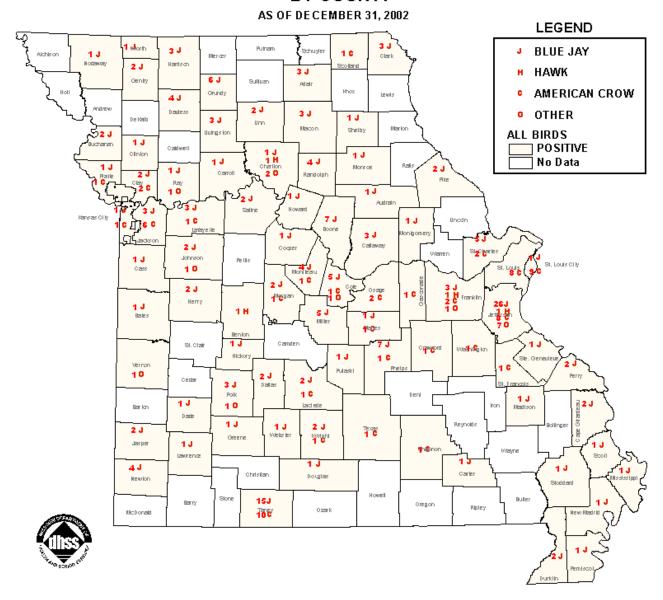
| Location | # Cases |
|-----------------------|---------|
| Bollinger County | 1 |
| Boone County | 1 |
| Callaway County | 2 |
| Cape Girardeau County | 1 |
| Cass County | 2 |
| Cole County | 4 |
| Crawford County | 2 |
| Dunklin County | 1 |
| Franklin County | 1 |
| Independence (City) | 2 |
| Jackson County | 1 |
| Jefferson County | 3 |
| Kansas City | 5 |
| Laclede County | 2 |
| Lafayette County | 1 |
| Miller County | 2 |
| Mississippi County | 1 |
| Monroe County | 1 |
| Morgan County | 1 |
| New Madrid County | 1 |
| Newton County | 1 |
| Nodaway County | 1 |
| Pettis County | 1 |
| Platte County | 1 |
| Pulaski County | 1 |
| Saline County | 1 |
| Scott County | 1 |
| St. Charles County | 7 |
| St. Francois County | 2 |
| St. Louis City | 56 |
| St. Louis County | 60 |
| Washington County | 1 |
| | 400 |
| Total: | 168 |

This data is preliminary and subject to change.

See the next page for map of:

Missouri Counties with West Nile Virus in Birds Year to Date 2002

POSITIVE WEST NILE VIRUS IN DEAD BIRDS BY COUNTY



| Species | Numbers |
|----------------|---------|
| Crow, American | 65 |
| Hawk | 4 |
| Jay, Blue | 193 |
| Other | 15 |
| Total | 277 |

- Includes specimens submitted through the Missouri Department of Health and Senior Services' statewide WNV surveillance program and specimens submitted by local public health agencies outside of this program.
- A difference between counties in the number of positive dead birds does not necessarily indicate a geographic difference in West Nile virus activity. Higher numbers of positive birds may result when a public health agency conducts activities beyond the level supported by DHSS' statewide WNV surveillance program.